APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Lysakovskiy, G. I.
NEW CHARACTERISTICS FOR OUTDOOR INSULATORS. [1960] [7]p. 2 refs. C. E Trans. 1634; [DSIR LLU] M. 2321.
Order from LC or SLA mi$1.80, ph$1.80 61-15463

Trans. of Elektricheskiye Stantsii (USSR) 1959, v. 30 [no. 11] p. 60-62.

The values of the flashover voltage and resistance under conditions imitating fog and drizzle should be introduced as additional characteristics of insulators intended for external installations. (Author)

(Engineering--Electrical, [illegible], v. 5, no. 12)

61-15463

1. Electric insulators--Effectiveness
I. Lysakovskiy, G. I.
II. CE Trans-1634
III. DSIR LLU M 2321

[illegible]

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Are Flanges Necessary for Medium and Low-Pressure Pipelines, by V. L. Poshekhonov.

RUSSIAN, per, Elektricheskiye Stantsii, No 12, Dec 1959, pp 15, 16.

ERDL Ft Belvoir
T-1100

Sci - Engr

155265

Jun 61

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Causes of Crack Formation in Welded Joints of High Pressure Pipe Conduits and Measures of Avoiding Them, by S. S. Yakobson.

RUSSIAN, per, Elektricheskiye Stantsii, Vol XXX, No 12, 1959, pp 30-35.

ERDL Ft Belvoir
T-1112

Sci - Engr

155 267

Jun 61

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

(NY-3439)

Electric Power Engineering in Poland and Prospects of Its Development, by Engr S. I. Minorski, 13 pp.

RUSSIAN, per, Elektricheskiye Stantsii, Vol XXX, No 12, Moscow, 1959, pp 66-71

JPRS 2338

AMS

EEur - Poladn
Econ -
Jan 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Drying Transformers With Short-Circuited Loops by Zero-Sequence Currents, by A. I. Pashmin, A. A. Pyastolov.

RUSSIAN, per, Elek Stantsii, No 12, 1959, pp 76-78.

NLL N. 3331

Sci - Electron

191,925

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

On Some Causes of Increased Vibrations in Synchronous Multi-Pole Machines, by V. Yu. Avrukh.

RUSSIAN, per, Elek Stantsii, No 1, 1960, pp 38-41.

NLL M. 32:9
SLA 62-15249

Sci - Engr

Apr 62

189,813

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Conversion of TV 2-100-2 Turbo-Generators in Operation With Increased Hydrogen Pressure, by R. A. Marinov, D. G. Speranskiy.

RUSSIAN, per, Elek Stantsii, Vol XXXI, No 1, 1960, pp 81, 82.

DSIR LLU M.1802
(loan)

Sci - Engr

Oct 60

128,899

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

A Two-Channel Set for High-Frequency Communication Using Electric Power Lines, by V. G. Kagan, E. U. Lukman, 6 pp.

RUSSIAN, per. Elektrichestvo Stan, No 2, 1960, pp 78-81. 9664294

FTD-TT-61-16

Sci - Electron

19 Mar 62

188,300

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Investigation of a Dust System With a Drum-Type Ball MKK Mill, Operating on Lean Coal, x With Supplementary Blowing of the Returns, by S. F. Tsigankov.

RUSSIAN, per, Elektricheskie MSK Stantsii, Vol XXXI, No 3, 1960, pp 10-17.

Dept. of Interior
TN7 E57 No 551
215,953

Sci - Min/Met
Engr
Oct 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

HERMETIC SEALING OF TUBE PLATES OF STEAM TURBINE CONDENSERS, BY L. D. BERMAN, S. N. FUKS.

RUSSIAN, PER, ELEK STANTSII, NO 4, 1960, PP 32-36.

NLL M. 3863

SCI - ENGR

NOV 62

217,662

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Zvezdkin, V. I., Izraelit, G. B. and others.
EFFECT OF THE DIELECTRIC PROPERTIES OF TRANSFORMER INSULATION (Vliyanie Dielektricheskikh Svoistv Transformatornovo Masla na Electr'-cheskuyu Prochnost' Izolyatsii Transformatorov) tr. by V. Burdon. 30 Aug 60 [15]p. (foreign text included) 7 refs. Trafford Park trans. no. 2867; [DSIR LLU M.2659]
Order from OTS or SLA $1.60 61-23958

Trans. of [Elektricheskie Stantsii] (USSR) 1960 [v. 31] no. 4, p. 60-64.
Another trans. is available from ATS $13.50 as ATS-85N48R [1961] 8p.

DESCRIPTORS: *Dielectric properties, *Electric insulation, *Transformers, *Oils.

Theoretical data, experimental data, and operating
(Engineering--Electrical, TT, v. 6; no. 10) (over)

61-23958

I. Zvezdkin, V. I.
II. Izraelit, G. B.
III. AEI TP/L-2867
IV. DSIR LLU M. 2659
V. Associated Electrical Industries, Ltd. (Gt. Brit.)

ATS-RJ-2889.
2631

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Improvement of Ventilation in the Rotor End Windings of a Turbo-Generator, by S. I. Kheran.

RUSSIAN, per, Elek Stantsii, No 4, 1960, pp 81-82.

MIL M. 3226

OTS 62-

Sci - Engr

189,816

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Analysis of the Data From Ageing in Operation of the Stator Insulation of a Large Turbo-Generator, by A. V. Gristenko, [illegible]. I. Lysakovskiy.

RUSSIAN, per, Elek Stantsii, No 4, 1960, pp 82-85.

MIL M. 3334

Sci - Engr

191,922

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Defects in the Soldered Connections of a Turbo-Generator Stator Winding and Preventive Measurement, by Ya. S. Urintsev.

RUSSIAN, per, Elek Stantsii, No 4, 1960, pp 85-87.

NLL M. 3336

Sci - Electron

192,323

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Tests on TV2-100-2 Turbo-Generators With AGP-1 Automatic Field Extinction Devices, by E. S. Gaba, I. M. Petrushevskiy.

RUSSIAN, per, Elek Stantsii, No 4, 1960, pp 87-89.

NLL M. 3335

Sci - Engr

191, 921

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Standard Plans for the Thermal Power Stations to be Constructed During the Period 1959-1965, by V. G. Zhilin, A. M. Nekrasov.

RUSSIAN, per, Elektricheskiye Stantsii, No 6, 1960, pp 6-24.

HLL M. 2658

174.981

USSR
Econ
Dec 61

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Degil', G. S.
METHODS OF DETECTING INTER-TURN FAULTS IN THE FIELD WINDINGS OF SYNCHRONOUS MACHINES (Metody Obnaruzheniya Vitkovykh Zamykanii v Obmotkakh Vozbuzhdeniya Sinkhronnykh Mashin) tr. by D. R. H. Phillips. 27 Mar 61 [12]p. 3 refs. Trafford Park trans. no. 2871; [DSIR LLU] M. 3227.
Order from OTS or SLA $1.60 61-27623

Trans. of Elektrichestvo Stantsii (USSR) 1960 [v. 31] no. 6, p. 60-64.

DESCRIPTORS: Detection, Electric machinery, Electrical equipment, *Coils, *Wiring diagrams, *Synchros, *Wire winding machines, Machines

Universal methods, methods only applicable when the rotor is in motion, and methods only applicable when the rotor is stationary are discussed.
(Engineering--Electrical, TT, v. 6, no. 9)

61-27623

I. Degil', G. S.
II. AEI TP/T-2871
III. DSIR LLU M. 3227
IV. Associated Electrical Industries, Ltd. (Gt. Brit.)

18562

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

A New Method of Supervising Bearing Currents of Turbo-Generators, by L. D. Klapchuk.

RUSSIAN, per, Elek ntsii, No 6, 1960, pp 78-79.

MLL M. 3337

Sci - Electron

191,923

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Working Project for the TVM-60 Turbogenerator, by
K. K. Chernev.

RUSSIAN, per, Elektricheskiye Stantsii, No 6, 1960,
pp 90-91.

NLL M 8823

Sci - Engr
Mar 63

225,418

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Stopskii, S. B.
WATER-TURBINE BLADE VIBRATION. [1961] [10]p.
2 refs. C. E. Trans. 1898; [DSIR LLU] M4065.
Order from OTS or SLA $1.10 61-28194

Trans. of E[e]k[tricheskie] Stantsii (USSR) 1960, v. [illegible] no. 7, p. 17-20.

DESCRIPTORS: Water, Turbines, Operation, *Turbine Blades, Vibration.

The vibrations caused by the hydrodynamic phenomena during the operating run of a water turbine wheel are [illegible], and a spectral-acoustic method for the determination of these vibrations is outlined. (Author)

(Machinery--Engines, TT, v. 6, no. 12)

61-28194

I. Stopskii, S. B.
II. CE Trans-1898
III. DSIR LLU M. 4065
IV. Central Electricity Generating Board (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

THE RUPTURE OF COOLING TUBES IN STEAM TURBINE CONDENSERS, BY S. N. FUKS.

RUSSIAN, PER, ELEK STANTSII, NO 7, 1960, PP 20-25.

NLL M. 3860

SCI - ENGR, CHEM

NOV 62

217,685

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Asynchronous Running of Synchronous Generators, by L. G. Mamikonyants and I. A. Syromyatnikov,
RUSSIAN, per, Elektricheskie Stantsiy, Vol XXXI, No 7, 1960, pp 42-46.
NLL RTS 2857 (On Loan or Purchase)

Sci-Electr
Apr 67

321,612

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Burgsdorf, V. V., Egorova, L. V. and others.
CORONA LOSSES ON THE EHV TRANSMISSION LINES. [1961] [13]p. 5 refs.
Order from OTS or SLA $1.60 61-10669

Trans. from Elektricheskie Stantsii (USSR) 1960 [v. 31] no. 8.

DESCRIPTORS: *Electrical corona, *Transmission lines, Climatic factors, Electrical equipment, Transformers, High frequency, Radio communication systems, Electronic circuits, Mathematical analysis.

(Engineering--Electrical, TT, v. 7, no. 8)

61-10669

I. Burgsdorf, V. V.
II. Egorova, L. V.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

(DC-4600/2)

Some Problems of Long-Distance Electric Power Transmission, by A. B. Krikunchik, S. S. Rokotyan, Yu. A. Yakub, 8 pp.

RUSSIAN, per, Elektrich Stantsii, No 8, 1960, pp 48-54.

JPRS 6613

USSR
Econ
Feb 61

138 559

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Standardized Reinforced Concrete Intermediate Supports for 35, 110 and 154 kV Transmission Lines, by B. I. Ravin.

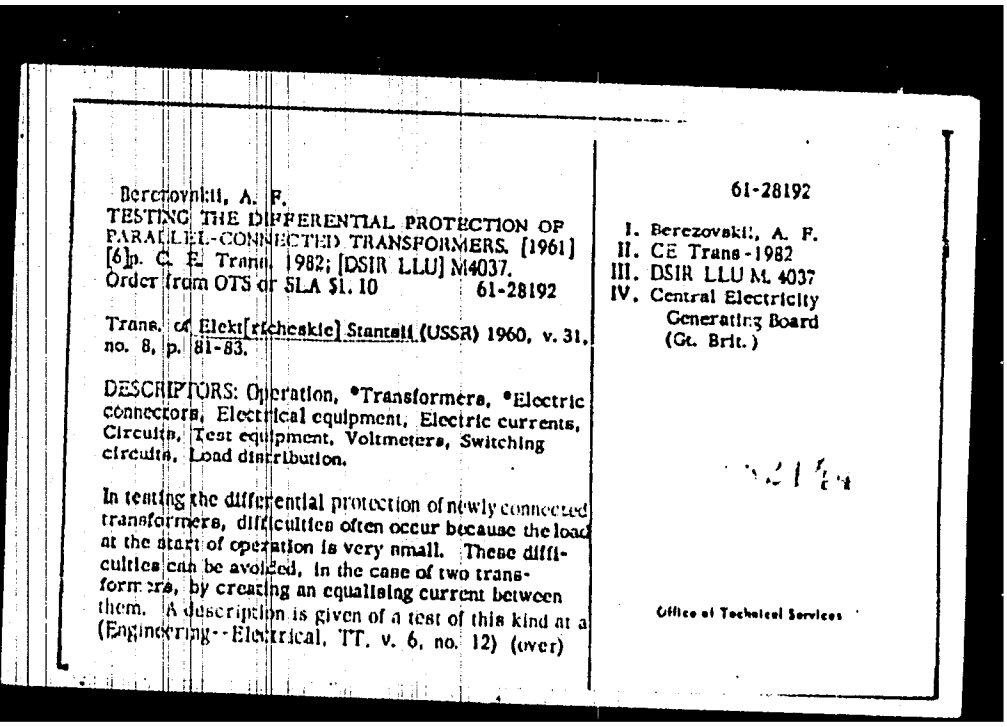
RUSSIAN, per, Elektricheskiye Stantsii, Oct 1960, pp 55-59.

NZDIA

Sci
Dec 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4



Berezovskii, A. F.
TESTING THE DIFFERENTIAL PROTECTION OF PARALLEL-CONNECTED TRANSFORMERS. [1961] [6]p. C. E. Trans. 1982; [DSIR LLU] M4037.
Order from OTS or SLA $1.10 61-28192

Trans. of Elektr[icheskie] Stantsii (USSR) 1960, v. 31, no. 8, p. 81-83.

DESCRIPTORS: Operation, *Transformers, *Electric connectors, Electrical equipment, Electric currents, Circuits, Test equipment, Voltmeters, Switching circuits, Load distribution.

In testing the differential protection of newly connected transformers, difficulties often occur because the load at the start of operation is very small. These difficulties can be avoided. In the case of two transformers, by creating an equalising current between them. A description is given of a test of this kind at a (Engineering--Electrical, TT. v. 6, no. 12) (over)

61-28192

I. Berezovskii, A. F.
II. CE Trans-1982
III. DSIR LLU M. 4037
IV. Central Electricity Generating Board (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Conditions Under Which Ferric Oxides Penetrate Into Boilers and Methods for Prevention of Scale Formation, by L. A. Meyer (Meier), N. N. Man'kina, T. M. Kaluzhskaya, 11 pp.

CFSTI ATS-45R-76A

RUSSIAN, per. Elek Stantsii, Vol XXXI, No 9, 1960, pp 6-10. T-7877

Navy Tr 3218/NRL 902

Sci - Chem

Sep 62

211,292

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

(DC-4600/2)

Comparison of the Economic Efficiency of Power Transmission and Fuel Transport, by M. M. Albegov, 13 pp.

RUSSIAN, per, Elektrich Stantsii, No 9, 1960, pp 30-35.

JPRS 6613

USSR
Econ
Feb 61

138, 501

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Damage to Conductors With Insulation Flash-over on 35-220 kV Lines, by V. N. Andrievskiy.

RUSSIAN, per, Elektricheskiye Stant, N VOL XXXI, No 9, 1960, pp 54-59.

NLL M.4260

Sci - Electricity

193,914

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

The Making of Contracts for Control Cables with Aluminium Conductors, by
M. Ya. Kaganovich,
RUSSIAN, per, Elekt. Stantsiy, Vol XXXI,
No 9, 1960, pp 61-65.
MLL 8662.8 1965 (B-TM-251-65)

Sci-Electr & Select Engr
Mar 67

230,294

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

(DC-4600/2).

On the Economics of Gas-Burning TES, by I. N. Oranskiy, A. Kh. Khamidov, 2 pp.

RUSSIAN, per, Elektricheskiye Stantsii, No 9, 1960, p 81.

*JPRS

USSR

Econ

4 Nov 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

INSTRUCTIONS ON THE PREPARATION OF 'MPV' (OIL POLYTSOBUTYLENE VASELINE) SEALING COMPOUND FOR HIGH VOLTAGE BUSHINGS.

RUSSIAN, PER, ELEK STANTSII, VOL XXXI, NO 9, 1960, PP 91-93.

NLL M. 3865

SCI - ELECTRON

OCT 62

214,790

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Governing of Large Steam Turbines, by V. N. Veller.

RUSSIAN, per, Elek Stantsii, Vol XXXI, No 10, 1960, pp 17-22.

NLL M. 4812

Sci - Engr

Jul 62

207,174

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

BIP-5 Instrument for Investigation of Machine Vibration and Dynamic Balancing of Rotors, by M. A. Branovskiy.

RUSSIAN, per, Elektricheskiye Stantsii, No 10, 1960, pp 47-51.

MLL M. 3012

Sci - Engr

186,853

Feb 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Khazan, S. I.
OVERHAUL OF THE END RINGS OF THE ROTORS OF LARGE TURBO-GENERATORS (Remont Bandazhnykh Kolets Rotorov Krupnykh Turbogeneratorov) tr. by D. R. H. Phillips. 25 Nov 60 [6]p. Trafford Park trans. no. 2902; [DSIR LLU] M. 3011.
Order from OTS or SLA $1.10 61-27585

Trans. of [Elektricheskie Stantsii] (USSR) 1960, v. 31, no. 10, p. 89-91.

DESCRIPTORS: *Turbines, *Generators, Turbine wheels, Maintenance, Insulation

A description is given of a technique used in preventing the development of faults in rotor end rings, by placing an insulating lining between the ring and the rotor body.

(Engineering--Electrical, TT, v. 6, no. 9)

61-27585

I. Khazan, S. I.
II. AEI TP/T-2902
III. DSIR LLU M. 3011
IV. Associated Electrical Industries, Ltd. (Gt. Brit.)

185600

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

(DC-4600/5)

Soviet Power Engineering on the Forty-Third Anniversary of the October Revolution, 3 pp.

RUSSIAN, per, Elektricheskiye Stantsii, No 11, 1960, pp 2-4.

JPRS 8035

USSR
Pol
Sci - Electron
May 61

150,736

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Problems of the Effect of Water-Turbine Governing on the Dynamic Stability of the Generator, by T. L. Zolotarev.

RUSSIAN, per, Elek Stantsii, No 11, 1960, pp 36-40.

MLL M. 3586

Sci - Engr

Jul 62

207, 775

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Fluctations in Steam Temperature and Load of Steam Turbines, by B. L. Levchenko.

RUSSIAN, per, Elek Stants, Vol XXXI, No 12, 1960, pp 37-41.

NLL N. 4666

Sci & Engr
Jun 62

201, 029

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

The Properities and Characteristics of Hard Glass, by N. A. Nikolayev, et al.

RUSSIAN, per, Zlent Stantsii, No 12, 19[illegible], pp 69-70.

C.E. Tr 2057

Sci - Phys

Jun 62

203,254

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Unbalance of Flexible Rotors, by S. I. Mikunis.

RUSSIAN, per, Elektr Stantsii, No 11, 1960, pp 56-69.

MLL M.3330

Sci - Engr

193,926

Apr 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

On the Expediency of Manufacturing 500-MW Turbines in the Single-Shaft Design, by L. S. Popyrin.

RUSSIAN, per, Elek Stantsii, No 1, 1961, pp 24-27.

WL M. 3591

Sci - Engr

Jul 62

207,781

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Automatic Frequency Control With Economic Load Distribution, by N. P. Klyuyev, D. V. Reshetnikov

RUSSIAN, per, Elek Stantsii, No 1, 1961, pp 44-49

MLL M. 6332

Sci - Engr

Nov 62

317.556

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Choice of Interphase Insulation In Very High Voltage Networks, by D. E. Artemov and S. S. Shur.
RUSSIAN, per, Elekt. Stantsii, 1961, Vol 32, No 1, pp 63-69.
NLL 9022.09 1964 (3520) (On Laon)

Aug 65

286,495

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Earthing Systems for 110-500kV Overhead Transmission Lines, by A. L. Vainer, A. N. Sherentsis.

RUSSIAN, per, Elek Stantsii, Vol XXXII, No 1, 1961., pp 78-85.

MLL M. 4802

Sci - Electron

2-07.769

Jul 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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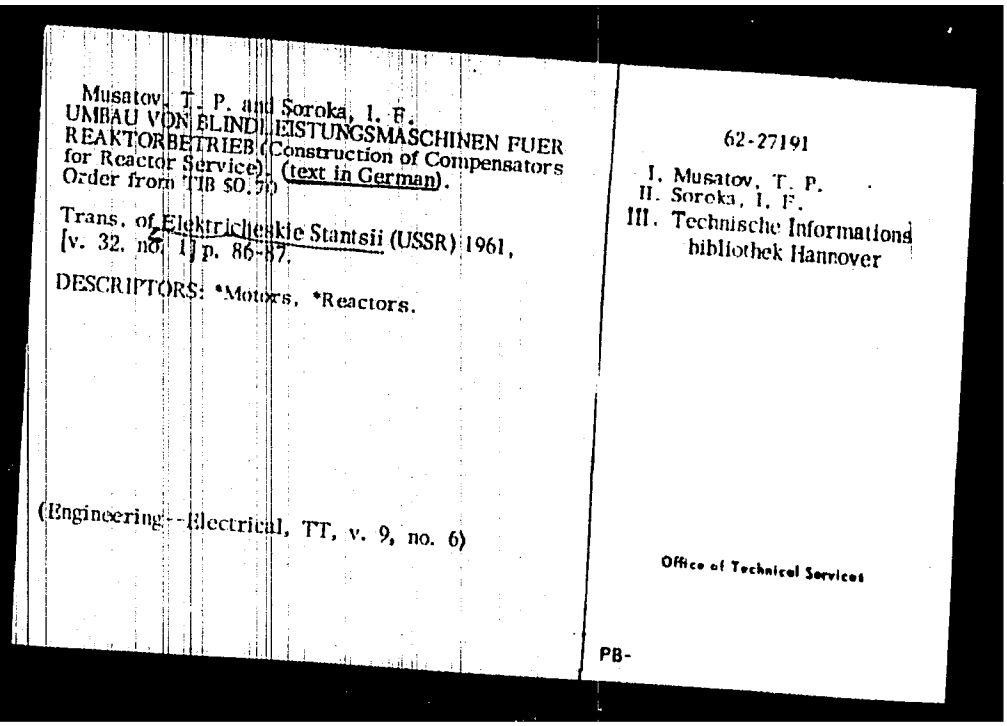

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DESCRIPTORS: *Motors, *Reactors.

(Engineering--Electrical, TT, v. 9, no. 6)

62-27191

I. Musatov, T. P.
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PB-

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(SF-1200/7)

Introduction of New Means of Communication and Equipment, by K. Ye. Mikhaylov, 4 pp.

RUSSIAN, per, Elek Stantsiy, No 2, 1961, pp 69-72.

JPRS 4652

USSR

155,444

Econ

Jun 61

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Elimination of Vibration in a Lang Turbo-
Set, by A. M. Kornienko.

RUSSIAN, per, Elektr Stantsii,
No 2, 1962, pp 72-74.

NLL M.3329

Sci - Engr

Feb 62

186,702

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(NY-5500/6)

Introducing Television Techniques into Power Engineering, by V. V. Kulikov, 13 pp.

RUSSIAN, per, Elektricheskiye Stantsii, Mar 1961, pp 2-6.

JPRS 9866

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168,643

Sci - Electron

Sep 61

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CHANGING OVER FROM CENTRIFUGAL TO HYDRODYNAMIC GOVERNING OF TURBINES, BY L. M. FEDOTOV.

RUSSIAN, PER, ELEK STANTSII, VOL XXXII, NO 3, 1961, PP 16-2L.

NLL M. 6335

SCI - ENGR

NOV 62

217,684

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(MX-3000)

Rated and Continuous Maximum Power of Steam Turbines and Generators for Them, by A. B. Krikunchik, 6 pp.

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JPRS 11732

178,064

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Econ
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Cleaning Steam Turbine Condensers With Rubber Balls,
by L. B. Lusmanovich.

RUSSIAN, per, Elek Stantsii, Vol XXXII, No 3,
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MLL M. 4887

Sci - Engr

Aug 62

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Investigation of Thermal Conditions and Elimination of Overheating in a Hydrogenerator Step Bearing, by A. E. Aleksandrov.

RUSSIAN, per, Elektricheskiye Stant.,
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MLL M.3468

Sol - Engr

Apr 62

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(DC-5926)

Certain Problems in Further Development of Thermal Electric Power Stations and Power Grids, by G. S. Zelevinskiy and A. M. Nekrasov,

Russian, Monthly, Elektricheskiye Stantsii, 1961, No. 4, Moscow, April 1961, pp 2-9.

JPRS 8677

Econ/Electric Power
May 61

Dept Interior
HE36 .U5A A677

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Anti-Corrosion Protection of Hydro-Mechanical Equipment by Varnish Coating Materials, by M. I. Finkelshtein, I. A. Zholomdz'.

Ru.

POLIBH, per,, Elektricheskii Stantsii, Vol XXXII, No 4, 1961, pp 28-33.

GB/153/618

Sci-Chem
Feb 63

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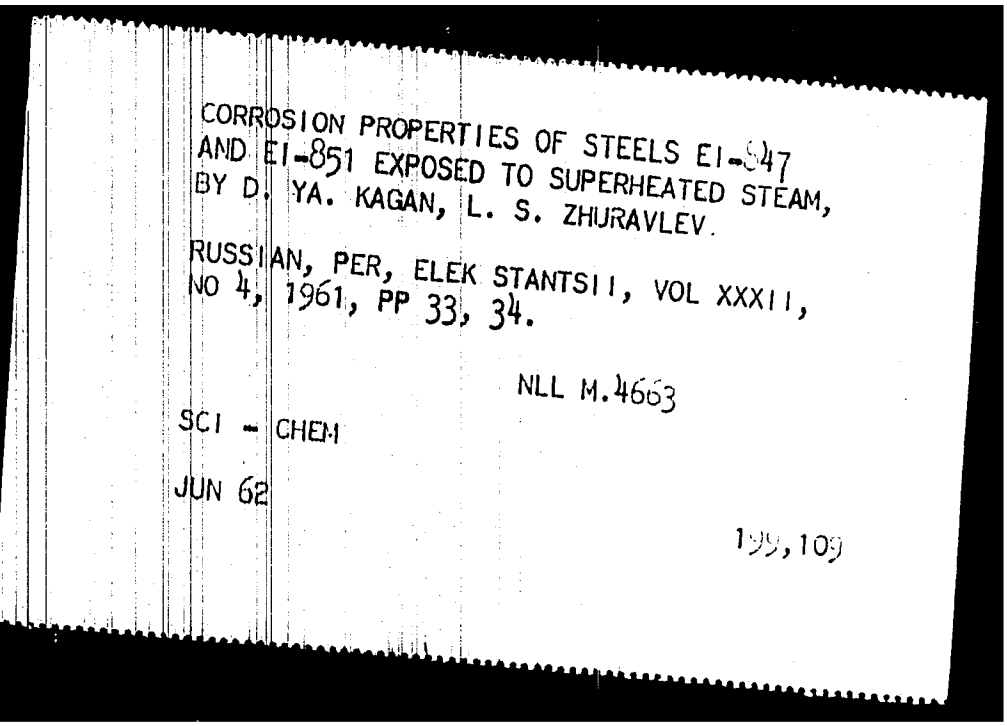

CORROSION PROPERTIES OF STEELS EI-847
AND EI-851 EXPOSED TO SUPERHEATED STEAM,
BY D. YA. KAGAN, L. S. ZHURAVLEV.

RUSSIAN, PER, ELEK STANTSII, VOL XXXII,
NO 4, 1961, PP 33, 34.

NLL M.4663

SCI - CHEM

JUN 62

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Application of Gas Chromatography in the Control of Power Station Boilers, by A. K. Vnukov, R. P. Izedzik.
RUSSIAN, per, Elek Stantsii, Vol XXXII, No 5, 1961, pp 12-15.
NLL Ref: 9022.09 1964 (3297) (loan copy)

Sci
Aug 64

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METHODS OF CALCULATING ECONOMIC LOAD DISTRIBUTION IN COMBINED POWER SYSTEMS ON DIGITAL COMPUTERS, BY V. S. SHAKHANOV.

RUSSIAN, PER, ELEK STANTSII, NO 5, 1961, PP 27-34.

NLL M. 3805

SCI - ELECTRON
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OCT 62

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BASIC PRINCIPLES OF THE CONSTRUCTION OF A COMPUTER FOR OPERATIVE CALCULATIONS OF ECONOMIC LOAD DISTRIBUTION IN A COMBINED POWER SYSTEM, BY S. A. GINZBERG, ET AL.

RUSSIAN, PER, ELEK STANTSII, NO 5, 1961, PP 35-41.

NLL M. 3804

SCI - ENGR

OCT 62

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Protecting Power Systems From Frequency Surges,
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RUSSIAN, per, Elek Stant, Vol XXXII, No 5,
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MLL RTS 2029

Sel - Electron

Aug 62

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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DETERMINING THE SUPER-TRANSIENT INDUCTIVE REACTANCES OF TURBO-GENERATORS, BY N. L. SAKHNOVSKIY.

RUSSIAN, PER, ELEK STANTSII, NO 6, 1961, PP 84, 85.

NLL M. 3803

SCI - ENGR

OCT 62

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Effect of Turn Short-Circuits in a Turbo-Generator Rotor on Its State of Vibrations, by K. A. Khudabashev,

RUSSIAN, per, Elek Stantsii, No 7, 1961, pp 40-45.

ALL M. 3578

Sci - Electron

207,168

Jul 62

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WORKING OF CARRIER CLAMP OF TYPE PG-5 -10A UNDER CONDITIONS OF RELEASE OF SPLIT PHASE CABLES, BY N. M. BOYEV.

RUSSIAN, PER, ELEK STANTSII, NO 7, 1961, PP 57-61.

NLL M. 6171

SCI - ENGR

OCT 62

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(SF-1877)

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RUSSIAN, per, Elek Stantsii, No 8, 1961, pp 2-6.

JPRS 11708

USSR

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Jan 62

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(SF-1877)

New 2800 Mw Capacity Cres, by S. S. Rakita, 16 pp.

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JPRS 11708

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Power Express
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(SF-1877)

Construction and Operation of an Open Power Plant, by N. G. Lobanchenko, M. Kh. Guseynov, B. V. Frumen, 5 pp.

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JPRS 11708

USSR

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Instruments for Measuring Contact Temperatures in Conducting Parts, by A. I. Korolev, RUSSIAN, per, Elektricheskie Stantsiy, Vol XXXII, No 8, 1961, pp 85-86.
OTS TT 64-19889

Seppt66

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The Dancing of Conductors on a 110 kV Transmission Line, by L. A. Ratnikov.

RUSSIAN, per, Elek Stantsii, Vol XXXII, No 8, 1961, p 86.

NLL Ref. 9022.09 1963 (2,597)
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Sci - Electron
Nov 65

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(SF-1877)

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RUSSIAN, per, Elek Stantsii, No 9, 1961, pp 2-6.

JPRS 11708

USSR

181,162

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Jan 62

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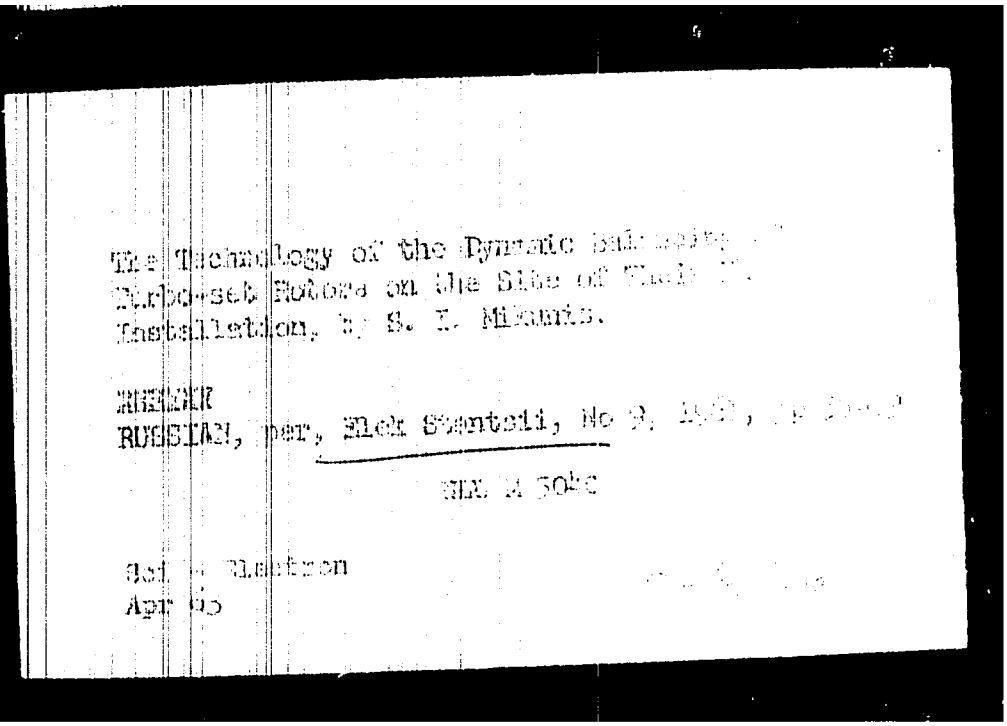

The Technology of the Dynamic [illegible]
Purpose Robots on the Site of [illegible]
Installation, by S. I. Mikants.

[illegible]
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SUBJECT

[illegible] Mikants
Apr 65

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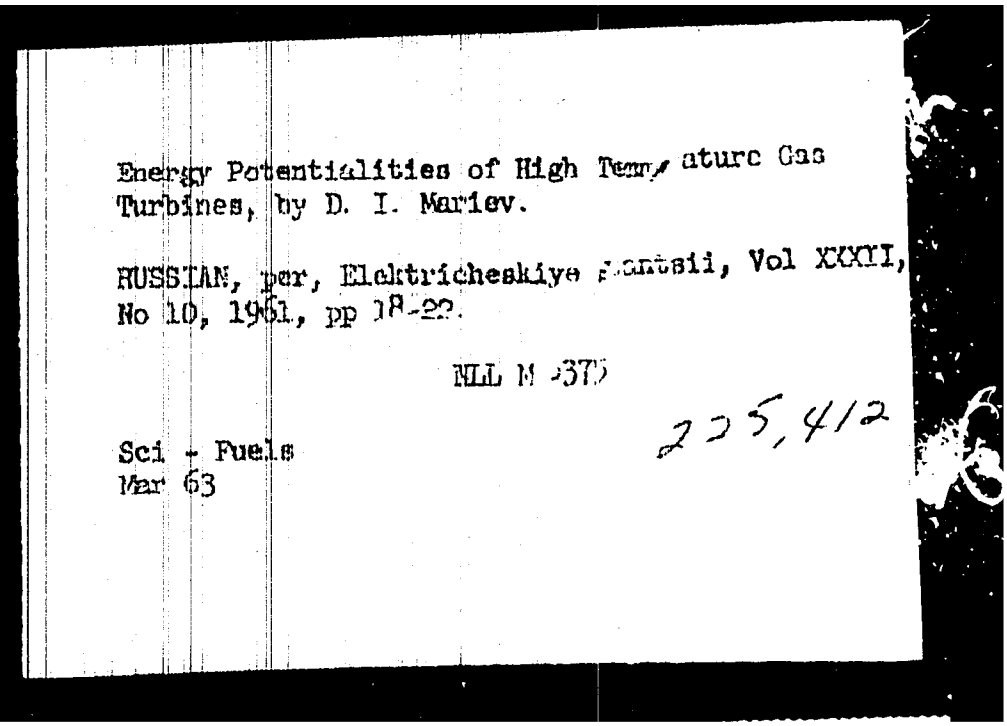

Energy Potentialities of High Temperature Gas Turbines, by D. I. Mariev.

RUSSIAN, per, Elektricheskiye Stantsii, Vol XXXII, No 10, 1961, pp 18-22.

NLL M-37

225,412

Sci - Fuels
Mar 63

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SWITCHING OF NO LOAD CURRENT OF 110KV TRANSFORMERS OF UP TO 60MVA BY MEANS OF ISOLATORS AND DISCONNECTING SWITCHES, BY L. S. BELEN'KI, V. P. KOROBKOVA.

RUSSIAN, PER, ELEK STANTSII, VOL XXXII, NO 10, 1961, PP 43-47.

NLL M. 3866

SCI - ELECTRICITY

OCT 62

214,792

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REINFORCING THE INSULATION OF ELECTRIC POWER LINES IN THE AREAS OF INTENSE ATMOSPHERIC POLLUTION, BY M. D. GLEIZER.

RUSSIAN, PER, ELEK STANTSII, VOL XXXII, NO 10, 1961, PP 61-65.

NLL M. 6168

SCI - ELECTRON

OCT 62

214,714

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

THE ASYNCHRONOUS STARTING OF A 50-MW, 1500R.P.M. TURBO-GENERATOR, BY S. P. BOROVKOV, ET AL.

RUSSIAN, PER, ELEK STANTSII, NO 10, 1961, PP 84-86.

NLL M. 3799

SCI - ENGR

OCT 62

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(SF-1877)

New Standards of Technological Designing of Thermo-Electric Power Stations, by B. O. Loshak, 7 pp.

RUSSIAN, per, Elektricheskiye Stantsii, No 11, 1961, pp 7-10.

JPRS 13533

191,667

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TURBO-TYPE GENERATORS OPERATING AS SYNCHRONOUS COMPENSATORS, BY V. A. MACHLIN, V. I. SOKOLOV.

RUSSIAN, PER, ELEK STANTSII, NO 11, 1961, PP 33-36.

NLL M. 3798

SCI - ENGR

OCT 62

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THE OPERATION OF TURBO- AND HYDROGENERATORS WITH UNDER-EXCITATION, BY YA. D. BARKAN, I. I. KUZNETSOV.

RUSSIAN, PER, ELEK STANTSII, NO 11, 1961, PP 50-53.

NLL M. 3797

SCI - ENGR

OCT 62

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The Appearance of Inter-Turn Short-Circuits in the Windings of the Moving Rotors in Turbo-Generators, by R. M. Manevich.

RUSSIAN, per, Elek Stantsii, No 11, 1961, pp 53-56.

NIL M 5036

Sci - Electrcn
Mar 63

226,818

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Protection of Transformer Insulation From Humidification and the Stabilization of Transformer Oil Properties, by A. A. Koz'ma.
RUSSIAN, per, Elektricheskii Stantsii, No 11, 1961, pp 76-79.
GB/153/625

Sci - Engr
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Automatic Recording of Internal Overvoltages in High-Voltage Networks, by Yu. A. Mihailov, I. F. Polovoi, I. V. Chernyayev. 13 pp.

RUSSIAN, per, Elektricheskie Stantsii, Dec, No 12, 1961, pp 47-50.

(LOAN) NLL Ref. 9022.09 1962 (2 72 R)
CIA FDD XX-1329
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OTS TT-63-23946 (8 pp)

Sci
Feb 63

221,695

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(SP-1877)

Scientific-Technical Problems Connected With Carrying Out Lenin's Idea of Electrification, 15 pp.

RUSSIAN, per, Elektricheskiye Stant, No 1, 1962, pp 2-5.

JPRS 13717

196,989

USSR
Econ
Sci - Engr
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Method of Calculating When Washing is Due for Supercritical Pressure Boilers, by E. P. Dick, M. D. Panasenko.

RUSSIAN, per, Elekt Stantsiy, Vol XXXIII, Oct 1962, pp 17-19.

*UKAEA/Windscale
Tr 49

Sci - Phys

May 63

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Measuring the Bending Stress in Austentic-Steel Steam Pipes, by V. A. Nakhalov, V. S. Demb.

RUSSIAN, per, Elektricheskiye Stantsii, Vol XXXIII, May 1962, pp 21-24.

[redacted] *UKAEA Windscale
Tr No 32

Sci - Min/Met

28 Feb 1963

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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Impace Strength of Cr-Mo-V Steel, by E. Ya. Veksler, RUSSIAN, per, Elektricheskiye Stantsii, Vol XXXIII, 1962, pp 35-37.

GB[redacted]10/3056

Sci - M/M

Feb 64

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Reduction of Clearance of Overhead Transmission Lines, by Z. E. Kozhanova, et al.

RUSSIAN, per, Elek Stantsii, Vol XXXIV, No 1, 1962, pp 43-45.

NLL Ref: 9022.09 1963 (3111) (Loan)

Sci
Feb 64

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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Determining the Permissible Degree of Moisture for Transformer Insulation, by V. I. Zvezdkin.

RUSSIAN, per, Elek Stantsii, No 1, 1962, pp 51-52.

NLL M 5038

Sci - Electron
Apr 63

226,804

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To-3 Remote Disconnection Device, by V. S. Shitaltsev.

RUSSIAN, per, S Elektr. Stantsii, Vol XXXIII, No 1, 1962, pp 60-64.

MLL M 3899

Sci - Engr
Feb 63

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Artificial Limitation of Wind Pressure Loading of Electric Transmission Towers, by A. V. Saiko, A. Kh. Khokharin, 7 pp.
RUSSIAN, per., Elektricheskie Stantsii, No 1, 1962, pp 67-69.
CIA/FDD XX-1561
NO FOREIGN DISSEM

Sci - Elec
Jun 64
USIB Internal Use Only

261,8481

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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Dust Separation in a TsKKB Classifier,
V. V. Lukyanov.
RUSSIAN, per, Elek Stantsii, Vol XXX, IV, 1962,
pp 77-78
NLL Ref: 9022.09 1964 (3296) (loan copy)

Sci
Aug 64

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

THE EFFECT OF A LACQUER COATING ON ROTOR HEATING, BY G. S. DEGIL.

RUSSIAN, PER, ELEK STANTSII, VOL XXXIII, NO 1, 1962, PP 81, 82.

NLL M. 3727

SCI - CHEM

OCT 62

214,177

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

Conductor Galloping on 110 kV Lines,
by V. N. Andrievskii.
RUSSIAN, per, Elektr. Stantsii, 1962,
No 1, pp 86-87.
NLL 9022.09 1964 (3554) (On Loan)

Aug 65 286,494

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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Mankina, N. N.

CONDITIONS OF FORMATION OF DEPOSITS IN THE PRESENCE OF A NUMBER OF SCALE FORMERS AND METHODS OF THEIR PREVENTION (Usloviya Obrazovaniya Otlozhenii v Prisutstvii Ryada Nakipeobrazovatelei i Sposoby Ikh Predotvrashcheniya). [1962] 17p. (foreign text included) 6 refs.
Order from OTS or SLA $1.60 63-15699

Trans. of Elektricheskie Stantsii (USSR) 1962 [v. 33] no. 2, p. 13-16.

DESCRIPTORS: *Iron compounds, *Oxides, *Copper compounds, *Scale, Deposits, *Antioxidants, Hydrazines, Phosphates, *Feed water, *Boilers.

Hexametaphosphate decreases the rate of iron oxide scale formation by 65% to 75% and completely prevents hardness and copper scale. Hydrazine prevents iron
(Chemistry, TT, v. 10, no. 7) (over)

63-15699

I. Mankina, N. N.

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The Relation Between the Wet Flashover Voltage of Insulators and the Duration of the Voltage and the Intensity of the Rain, by E. V. Kalinin.

RUSSIAN, per, Elek Stantsii, No 2, 1962, pp 59-62.

MIL M 5019

Sci - Tm Electron
Mar 63

226,802

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Gorskii, Yu. M. and Manevich, E. M.
A SEMICONDUCTOR REMOTE PHASE-METER WITH TAPE RECORDER ATTACHMENT. [1963] [14p] 2refs C. E. Trans. 2656.
Order from OTS or SLA $1.60 63-24079

Trans. of Elektr[ichestvo] Stantsii (USSR) 1962, v. 33, no. 2, p. 75-83.

DESCRIPTORS: *Phase meters, *Measuring devices (Electrical and electronic), Magnetic recording systems, Remote control systems, Transmission lines, Design, *Semiconductor devices, Failures (Mechanics), Detectors.

(Engineering--Electrical, TT, v. 10, no. 12)

63-24079

I. Gorskii, Yu. M.
II. Manevich, E. M.
III. CE Trans-2656
IV. Central Electricity Generating Board (Gt. Brit.)

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DETERMINING THE EFFICIENCY OF THE CENTRIFUGAL SEPARATOR OF A ONCE-THROUGH BOILER UNDER INDUSTRIAL CONDITIONS, BY M. N. KEMEL'MAN.

RUSSIAN, PER, ELEK STANTSII, NO 3, 1962, PP 11-13.

NLL M. 3793

SCI - ENGR

OCT 62

214,181

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Akolzin, P. A.
PREVENTION OF ACCUMULATION OF CORROSION PRODUCTS IN STEAM BOILERS (Predotvrashchenie Nakopleniya Produktov Korrozii v Parovykh Kotlakh) [1962] 13p. (foreign text included) 4 refs.
Order from OTS or SLA $1.60 63-15697

Trans. of Elektricheskie Stantsii (USSR) 1962 [v. 33] no. 3, p. 14-17.

DESCRIPTORS: *Corrosion, *Boilers, Steam, Feed water, Copper, Iron compounds, Oxides, Carbonic acids, Scale, *Corrosion inhibition, Coatings, Corrosion-resistant alloys, Water softeners, Water filters, Cellulose.

(Metallurgy--Corrosion, TT, v. 10, no. 3)

63-15697

1. Akolzin, P. A.

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Experience in the Assembly of a 150-MV Unit,
by M. E. Verbitskiy.

RUSSIAN, per, Elek Stanut Stantsii, Vol XXXIII,
No 3, 1962, pp 53-57.

NEL Ref: 9022.09 1963 (2715) (Loan)

Sci - Electron
Feb 66

248,592

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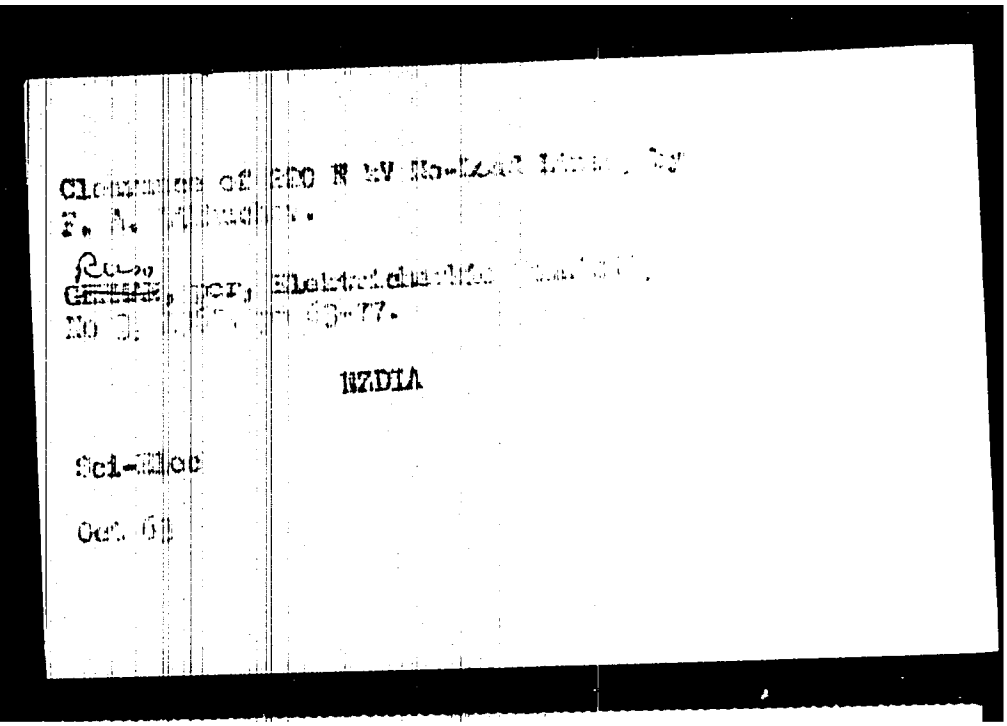

WZDIA

Sci-Elec

Oct. 61

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Construction of a High-Capacity High-Efficiency Carbon Dioxide Power Plant, by V. L. Dekhtyarev.

RUSSIAN, per, Elek Stantsii, Vol XXXIII, No 5, 1962, pp 2-6.

NIL Ref: 9022.09 1963 (2702) (loan)

May 64

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4

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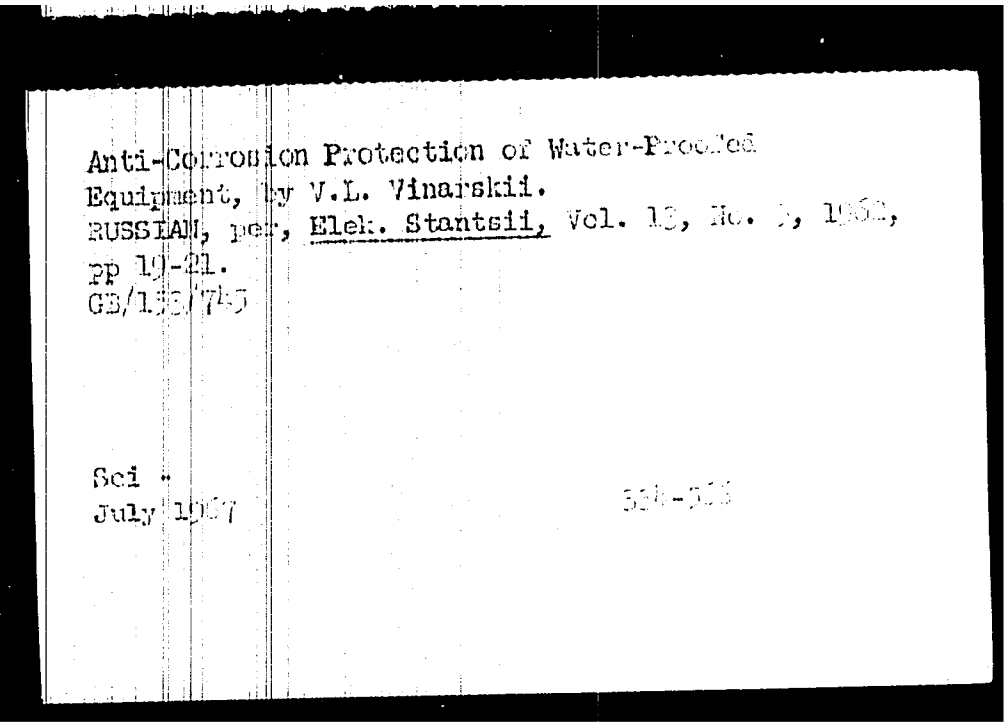

Anti-Corrosion Protection of Water-Proofed Equipment, by V.L. Vinarskii.
RUSSIAN, per., Elek. Stantsii, Vol. 18, No. 5, 1952,
pp 19-21.
GB/138/745

Sci
July 1957

334-335

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980030-4